

52

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/797,869	CHIU ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Tina M. Wong	2874	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 17 June 2005 amendment.
2. ☒ The allowed claim(s) is/are 1-8, 10-12, 24, 25 and 75-84.
3. ☒ The drawings filed on 22 July 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

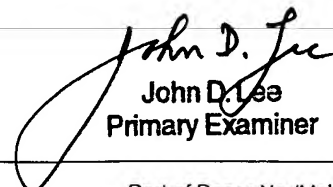
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|--|---|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|--|---|

  
**John D. Lee**  
 Primary Examiner

### **DETAILED ACTION**

Applicant's amendment and arguments filed on 17 June 2005 have been fully considered. Claims 1-8, 10-12, 24, 25 and 75-84 are therefore allowed with the additional limitations included.

#### ***Examiner's Amendment***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 5 has been amended as follows:

5. (Currently amended) The fiber optic module of claim 1, wherein the fiber optic module includes one or more grooves to slideably engage the de-latch puller.

#### ***Examiner's Statement Of Reasons For Allowance***

The following is an examiner's statement of reasons for allowance:

Claims 1-8, 10-12, 24, 25 and 75-84 are allowed. The prior art of record fails to disclose or reasonably suggest a nose receptacle to engage with a cage assembly and a pull-actuator to disengage and withdraw a nose receptacle from the cage assembly, where the module includes a de-latch puller slideably coupled to the nose receptacle for pulling in a direction away from the cage and a latching actuator engaged with the de-latch puller for disengaging the nose receptacle from the cage assembly and electro-optic transducers to convert optical and electrical signals.

The closest prior art of record is previously relied upon U.S. Patent 5,901,263 to Gaio et al. Gaio et al fails to disclose a nose receptacle to engage with a cage assembly with a de-latch puller slideably coupled to the nose receptacle for pulling in a direction away from the cage and a latching actuator engaged with the de-latch puller for disengaging the nose receptacle from the cage assembly and electro-optic transducers to convert optical and electrical signals. Specifically, Gaio et al fails to disclose a de-latch puller to pull in a direction **away** from the cage assembly. On the contrary, Gaio discloses a guide bail latch, which can be pulled up and down on an inclined plane to release the receptacle from the cage.

Another pertinent art of record is applicant's previously patented case, U.S. Patent 6,796,715. Applicant discloses a nose receptacle with a pull-actuator to release a module from a cage assembly and a printed circuit board including transducers to convert optical and electrical signals, however, the pull-actuator is not claimed to include a de-latch puller which pulls in a direction away from the cage to disengage the cage from the receptacle.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

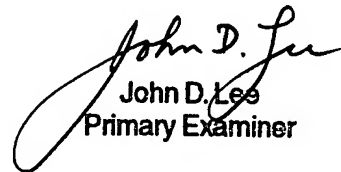
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tina M. Wong whose telephone number is (571) 272-2352. The examiner can normally be reached on Monday-Friday 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rodney Bovernick can be reached on (571) 272-2344. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



TMW



John D. Lee  
Primary Examiner